UNITED STATES DEPARTMENT OF AGRICULTURE
Director of Scientific Work
Washington
July 1
1933

Dr. A. F. Woods,
Director of Scientific Work and Chairman Graduate School,
and Members of the School Council.

Gentlemen:

The annual report of the Graduate School of the United States Department of Agriculture for the school year of 1932 and 1933 is as follows:

The school year opened with the week beginning October 10, 1932, and the last class this year was held June 12.

Twenty-four courses were offered and nineteen were given, one having been withdrawn because of the death of the intended instructor and the press of new work on his successor, and four because of lack of students.

The graduate courses given were--

(1) Ecology
(2) Electrochemistry
(3) Advanced Statistics for Biological Workers
(4) Soils and Fertilizers
(5) Recent Advances in Enzyme Chemistry
(6) Advanced Statistical Analysis
(7) Mycology
(8) Organic Chemistry
(9) Comparative Nematology

The undergraduate courses given were--

(1) Glass Blowing
(2) Systematic Botany
(3) Interpreting Agriculture and Home Economics
(4) Editing Manuscripts on Agriculture, Home Making, and Related Subjects
(5) Elementary Statistical Methods
(6) Scientific French
(7) Intermediate Scientific German
(8) Elementary Russian
(9) Advanced Russian
(10) Principles of Photography

The courses withdrawn were--

(1) Plant Genetics
(2) Thermodynamics Applied to Chemical Engineering Problems
(3) Plant Anatomy
(4) Administrative and Business Law
(5) Introductory Entomology

The number of students registered this school year was 291 compared with 490 in 1931-32, 505 in 1930-31, 331 in 1929-30, 226 in 1928-29, 218 in 1927-28, and 111 in 1926-27. Of the 291 students 153 were from the Department and 138 from other sources, as follows:

From the Department:		
Bureau of Plant Industry	36	
Bureau of Chemistry and Soils	32	
Bureau of Agricultural Economics	18	
Bureau of Animal Industry	16	
Forest Service	11	
Food and Drug Administration	10	
Office of Information	5	
Bureau of Plant Quarantine and Control	5	
Bureau of Entomology	5	
Extension Service	4	
Bureau of Agricultural Engineering	3	
Bureau of Dairy Industry	2	
Bureau of Home Economics	2	
Weather Bureau	1	
Library	1	
Office of Experiment Stations	1	
Bureau of Public Roads	1	153
From other sources:		
City	32	
Department of Commerce	16	
University of Maryland	11	
State Department	9	
Suburbs	7	
Treasury Department	5	
Interior Department	5	
Department of Labor	5	
Veterans Bureau	5	
War Department	4	
Navy Department	4	
Bureau of Mines	3	
Interstate Commerce	3	

Geological Survey	4	
Smithsonian Institution	3	
Public Health	2	
Federal Farm Board	2	
Coast and Geodetic Survey	2	
National Institute of Health	2	
Bureau of the Census	2	
Biological Survey	1	
National Park Service	1	
Government Printing Office	1	
General Accounting Office	1	
Mexican Embassy	1	
Construction League	1	
Employes Compensation Commission	1	
Tariff Commission	1	
Inter-American High Commission	1	
National Park Service	1	
District National Guard	1	
Federal Board of Vocational Educat.	1	138
		291

The following is a brief resume of the records of the number of students in each of the 20 courses given, total tuition received for each course, salaries paid instructors for each, and the surplus or deficit for each, with the totals of these:

Course	Number students	Tuition	Salaries	Surplus	Deficit
(1) Elementary Statistics	28	458.65	517.50		58.85
(2) Enzymology	7	62.51	150.00		87.49
(3) Ecology	8	145.00	317.50		172.50
(4) Nematology	9	139.50	139.50		
(5) Plant Anatomy	1	12.50	00.00	12.50	
(6) Organic Chemistry	9	166.25	200.00		33.75
(7) Botany	12	213.00	300.00		87.00
(8) Mycology	18	320.50	450.00		129.50
(9) Interpreting Agri	9	154.00	300.00		146.00
(10) Editing Manuscripts	35	425.00	300.00	125.00	

Course	Number students	Tuition	Salaries	Surplus	Deficit.
		$	$	$	$
(11) Advanced Statistics..	27	367.80	300.00	67.80	
(12) Advanced Russian.....	8	100.00	150.00		50.00
(13) Elementary Russian...	21	336.50	300.00	36.50	
(14) Stat. Biolog. Workers	11	231.00	300.00		69.00
(15) French.....	7	123.50	186.00		62.50
(16) Glass Blowing.....	9	164.00	300.00		136.00
(17) German.....	9	112.50	150.00		37.50
(18) Soils and Fertilizers.	24	351.66	300.00	51.66	
(19) Electrochemistry.....	26	440.00	300.00	140.00	
(20) Photography.....	9	112.50	150.00		37.50
(21) Business Law.....	4	42.50	00.00	42.50	
Total.....	291	4,478.87	5,110.50	475.96	1,107.59

Secretary.....	183.33
Treasurer.....	90.00
Handling books.....	50.00
Elevator service, etc.....	71.50
Grand total salaries.....	5,505.33

In accordance with the policy of the school to give free lectures whenever arrangements can be made with competent lecturers, two lectures were delivered during the School year at the United States National Museum. These were by--

Dr. Wouter Bosch, Research Chemist in Holland--
Enclosing and Partial Reclamation of the
Zuyder Zee, Holland.

Dr. George W. Field, noted Biologist --A Conversation on Conservation--What is Conservation?

During the year the number of--

Announcements of courses published was.....$ 6

Announcements of courses distributed, about	$14,000
Announcement of lectures published	2
Announcements of lectures distributed, about	4,500
Number of annual reports printed	100
Number of annual reports distributed, about	75
Number of registration cards prepared	291
Number of receipt cards made out	425
Number of letters received	297
Number of letters sent out	585

At the last annual meeting Doctor Woods appointed a committee to consider the advisability of reducing the tuition in view of the cut in salaries in the Department. This Committee decided to reduce the tuition from $25.00 to $21.50 for two semesters, or to $12.50 for the first semester and $9 for the second. There is a deficit of $966.96 in the funds of this year.

The following is the financial statement of funds for this school year:

Receipts:		
Brought forward from 1931-32	$2,021.60	
Tuition	4,478.87	
Interest on bonds and bank account	410.35	$6,910.82
Expenditures:		
Salaries	5,505.33	
Refunds	120.97	
Supplies	180.16	
Check returned	12.50	
Safety deposit box	3.30	
Tax on checks	2.40	
Labor setting blackboard	1.50	
Treasurer's bond	5.00	
Honorarium for lecture	25.00	5,856.16
Balance this year		1,054.66
Government bonds		6,000.00
Total balance		7,054.66

Yours very truly,

Nellie E. Feely

Secretary, Graduate School.